

DISPLAY APPARATUS AND DISPLAY DRIVING METHOD FOR
EFFECTIVELY ELIMINATING THE OCCURRENCE OF
A MOVING IMAGE FALSE CONTOUR

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ABSTRACT OF THE DISCLOSURE

10 A display apparatus displaying gray scale by using a
subfield method has a gain control circuit, a sub gain
control circuit, and an error diffusion circuit. The
gain control circuit has the number of gray scale levels
of an input signal and outputting a first intermediate
15 image signal with a first number of gray scale levels,
and the sub gain control circuit receives the first
intermediate image signal, compresses the number of gray
scale levels of the first intermediate image signal, and
outputs a second intermediate image signal with a second
20 number of gray scale levels. The error diffusion circuit
receives the second intermediate image signal and
increase the number of gray scale levels by simulating
additional gray scale levels through error diffusion.